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Streamflow Forecast Summary: April 1, 2008 (averages based on 1981-2010 reference period)

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
UPPER YUKON BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
	Yukon R at Eagle	APR-JUL	29300	32500	34600	101%	36800	40000

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

CENTRAL YUKON BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	APR-JUL	3340	4370	5230	93%	6260	8190	5640
Yukon R nr Stevens Village	APR-JUL	40500	44200	46700	97%	49200	52900	48200

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
TANANA BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	APR-JUL	105	173	220	81%	265	335	270
Little Chena R nr Fairbanks	APR-JUL	32	49	60	77%	71	88	78
Salcha R nr Salchaket	APR-JUL	315	410	485	78%	565	695	625
Tanana R at Fairbanks	APR-JUL	5420	5990	6380	90%	6770	7340	7100
Tanana R at Nenana	APR-JUL	6540	7250	7730	86%	8210	8920	9000

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
WESTERN INTERIOR BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
	Kuskokwim R at Crooked Creek	APR-JUN	9620	11200	12200	116%	13200	14800

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 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment

Chance that actual volume will exceed forecast

ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse	APR-JUL	420	525	610	77%	705	885	795
Sagavanirkotk R nr Pump Station 3	APR-JUL	400	505	595	87%	695	885	685

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough	APR-JUL	179	270	330	69%	390	480	475

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer	APR-JUL	48	60	69	80%	78	90	86
Talkeetna R nr Talkeetna	APR-JUL	1140	1300	1400	86%	1500	1660	1630

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage	APR-JUL	49	56	61	105%	66	73	58

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing	APR-JUL	955	1030	1080	117%	1130	1200	925

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment							
Chance that actual volume will exceed forecast							

SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau	APR-JUL	31	36	39	118%	42	47	33

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3) Median value used in place of average